

Serial No. **10/533,665**
Amdt. dated June 21, 2010
Reply to Office Action of March 22, 2010

Docket No. **K-0717**

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-7. (Canceled).

8. (Previously Presented) An exhaust system in a radiation gas range, the exhaust system comprising:

a housing having exhaust openings in a rear part that discharge exhaust gas;

a sheet of glass on top of the housing that transmits radiant heat to an object placed thereon;

two front burner housings and two rear burner housings in contact with a bottom surface of the sheet of glass that form spaces to burn mixed gas therein;

two front radiation gas burners and two rear radiation gas burners in lower parts of the front and rear burner housings, respectively, each burning mixed gas at a surface of a radiation body to generate a radiation energy;

a first exhaust duct in lower parts of, and that passes through spaces between the front burner housings and between the rear burner housings in communication with the front burner housings, that discharges exhaust gas from the front radiation burners toward the exhaust openings;

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a second exhaust duct formed inside of, and separate from, the first exhaust duct in communication with the rear burner housings;

a first partition wall at a central part of the first exhaust duct, that divides the first exhaust duct into two parts, one of which communicates with the front burner housing on a left side, and the other one of which communicates with the front burner housing on a right side; and

a second partition wall at a central part of the second exhaust duct, that divides the second exhaust duct into two parts, one of which communicates with the rear burner housing on a left side, and the other one of which communicates with the rear burner housing on a right side, wherein the two front burner housings and two rear burner housings comprise front inlets and rear inlets at one side part of the two front burner housings and two rear burner housings, respectively, and the first exhaust duct and second exhaust duct are arranged at lower parts of the front inlets and the rear inlets.

9.-10. (Canceled).

11. (Original) The exhaust system as claimed in claim 8, wherein the second exhaust duct has a sectional area smaller than 1/2 of a sectional area of the first exhaust duct.

12.-20. (Canceled).

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21. (Previously Presented) A radiation gas range comprising the exhaust system of claim 8.

22.-29. (Canceled).